

15 RECEIPT/1632  
PATENT  
ISIS-5582

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. Patent Application of: ) I hereby certify that this paper is being  
Vasulinga Ravikumar, et al. ) deposited with the United States Postal  
Serial No.: 10/510,667 ) Service as first class mail, postage  
Filed: 04/05/2005 ) prepaid, in an envelope addressed to:  
Title: OLIGOMERIC ) Commissioner of Patents, P.O. Box 1450,  
COMPOUNDS HAVING MODIFIED ) Alexandria, VA 22313-1450 on this date:  
PHOSPHATE GROUPS )  
Group Art Unit: 1632 ) Date: Oct. 27, 2005  
Examiner: To Be Determined )  
Kemlyn Evans  
Kemlyn Evans

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attn: Office of Initial Patent Examination's  
Filing Receipt Corrections

**REQUEST FOR CORRECTED FILING RECEIPT**

Dear Sir:

Enclosed for your information is a copy of the Filing Receipt issued by the PTO with respect to the above-identified application. You will note that the following items require correction:

**In the Applicant(s):**

Please delete "Thazha R. Prakash" and insert therefor --Thazha P. Prakash--.

**In the Domestic Priority data:**

Please insert therefor --which is a CIP of 10/119,432 04/09/2002--.

**In the Foreign Applications:**

Please delete "UNITED STATES OF AMERICA 10/119,432 04/09/2002".

Since this appears to be an error on the part of the United States Patent and Trademark Office, it is respectfully requested that a corrected filing receipt be issued in this case.

Applicants additionally request that all pertinent U.S. Patent and Trademark Office records relating to the subject application be changed to reflect this correction.

Respectfully submitted,

By: Robert S. Andrews

Robert S. Andrews

Registration No.: 44,508

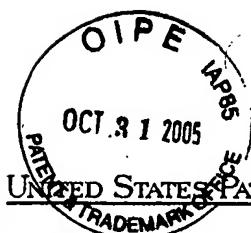
ISIS Pharmaceuticals, Inc.

1896 Rutherford Rd.

Carlsbad, CA 92008

(760) 931-9200

Date: 10-27-05



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

*Swetlana*

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/510,667	04/05/2005	1632	1258	ISIS-5582		41	2

23377  
 WOODCOCK WASHBURN LLP  
 ONE LIBERTY PLACE, 46TH FLOOR  
 1650 MARKET STREET  
 PHILADELPHIA, PA 19103

RECEIVED

SEP 23 2005

Woodcock Washburn

CONFIRMATION NO. 4970

FILING RECEIPT



\*OC000000017010589\*

Date Mailed: 09/19/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

→ Vasulinga Ravikumar, Carlsbad, CA;  
 Thazha Prakash, Carlsbad, CA;  
 Balkrishen Bhat, Carlsbad, CA;

RECEIVED

OCT 03 2005

RECEIVED

SEP 23 2005

## Assignment For Published Patent Application

ISIS Pharmaceuticals, Inc., Carlsbad, CA

PATENT DEPT.

DOCKET DEPT  
WWKMN

Power of Attorney: The patent practitioners associated with Customer Number 23377.

## Domestic Priority data as claimed by applicant

→ This application is a 371 of PCT/US03/10840 04/09/2003  
 which is a CIP of 10/119,432 04/09/2002

## Foreign Applications

→ UNITED STATES OF AMERICA 10/119,432 04/09/2002

Projected Publication Date: 12/22/2005

Non-Publication Request: No

Early Publication Request: No



**Title**

Oligomeric compounds having modified phosphate groups

**Preliminary Class**

514

## PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

---

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof

unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).